BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI SUB-DIVISION.

Name of Work: Improvements to Roads & drains Other Development Works in 6th A Cross from Balaji Scaning center Bagalagunte Ward No 14

Est Cost: 50.00 Lakhs

Head of Account:P-3296

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BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: Improvements to Roads & drains Other Development Works in 6th A Cross from Balaji Scaning center Bagalagunte Ward No 14

			Est. Cost Rs				50.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2018-19)								
		Cum	1	375.00	5.00	0.25	468.75		
			1	172.00	1.00	0.90	154.80		
							623.55	137.80	**85925.00**
	Basic Rate	130.00							
	Add Area Weightage 6%	7.80							
	Total	**137.80**							
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. MORTH Specification No. 2100(P.222 , It.27.18, PWD - SR 2018-19)								
		Cum	1	172.00	1.00	0.15	25.80		
	Basic Rate	5115.00					**25.80**	5421.90	**139885.00**
	Add Area Weightage 6%	306.90							
	Total	5421.90							
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Wall & bottom thickness 10cm (P.271 , It.37.59.1, PWD - SR 2018-19)								
		Cum	1x2	172.00	0.15	0.75	38.70		
	Basic Rate	6670.00					**38.70**	7070.20	**273617.00**
	Add Area Weightage 6%	400.20							
	Total	**7070.20**							

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Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.229 - I. no.28.8.2] PWD SR 18-19								
		Tonne							
	Qty Vide Item No. 5		80	38.70					
							3096.00		
	Basic Rate	68233.00					3.10	72326.98	223924.00
	Add 6% A.W	4093.98							
	TOTAL	72326.98							
5	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
		Sqm	1	172.00	0.90		154.80		
	Data Rates Approved						154.80	2208.00	341798.00
6	KSRRB M400-1 For Grading I material construction of granular sub-base by providing coarse graded crushed stone aggregates of Granite/ trap/basalt material spreading in uniform layers with motir grader on prepared surface mixing by a mix in place method with rotawater at OMC, and Compacting with vibratory roller to achieve the desired density, complete as per specifications.by mix in a Place method for course Graded Granular Sub Base Material as per 400-2 for grading I material . Page No 153/ Item No. 20.6PWD SR 2018-19								
		Cum	1	375.00	5.00	0.15	281.25		
	Basic Rate	1750.00					281.25	1855.00	521719.00
	Add Area Weightage 6%	105.00							
	TOTAL	1855.00							
7	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2018-19, P.No.155, I No.20.18)								
	Roads	Cum.	1	375.00	5.00	0.23	431.25	2001.28	863052.00
	Basic Rate	1888.00							
	Add Area Weightage 6%	113.28							
	Total	2001.28							

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Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
8	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.176, I.No.22.6.1 of PW,P&IWTD SR 2018-19)								
		Cum	1	375.00	5.00	0.15	281.25		
	Basic Rate	4916.00					281.25	5210.96	1465583.00
	Add Area Weightage 6%	294.96							
	Total	5210.96							
9	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery,screed vibratory,power Floater,blade and disc etc., with all lead and lift.PWD SR 2018-19[P.No.176 -I.No.22.7]								
		Sqm	1	375.00	5.00		1875.00		
	Basic Rate	68.00					1875.00	72.08	135150.00
	Add Area Weightage 6%	4.08							
	Total	72.08							
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2018-19						623.55	73.99	46135.00
		Cum	Qty Vide Item No. 1						
	Loading and Unloading Charges	57.00							
	Lead 4 KMs 2x1.28x4	12.80							
		69.80							
	Add Area Weightage 6%	4.19							
	Total	73.99							

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Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
							Sub Total		4096788.00
11	Tender Premium Charge 5%								250000.00
12	PMC Charge 1%								50000.00
13	GST Charge 12%								600000.00
14	Miscellaneous and UnforessenCharges								3212.00
								Total	5000000.00
	Rupees Fifty Lakhs only								

Assistant Engineer
Ward No 14

Assistant/Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ. EE/DD/RS/85/18-19 ದಿನಾಂಕ : 18/12/18
ರೂ. Rs 50.00 lakhs
(Rupees Fifty lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. CE/D2/TS/81/18-19 ದಿನಾಂಕ : 18/12/2018
ರೂ. 50.00 Lakhs/- (Rs Fifty lakhs)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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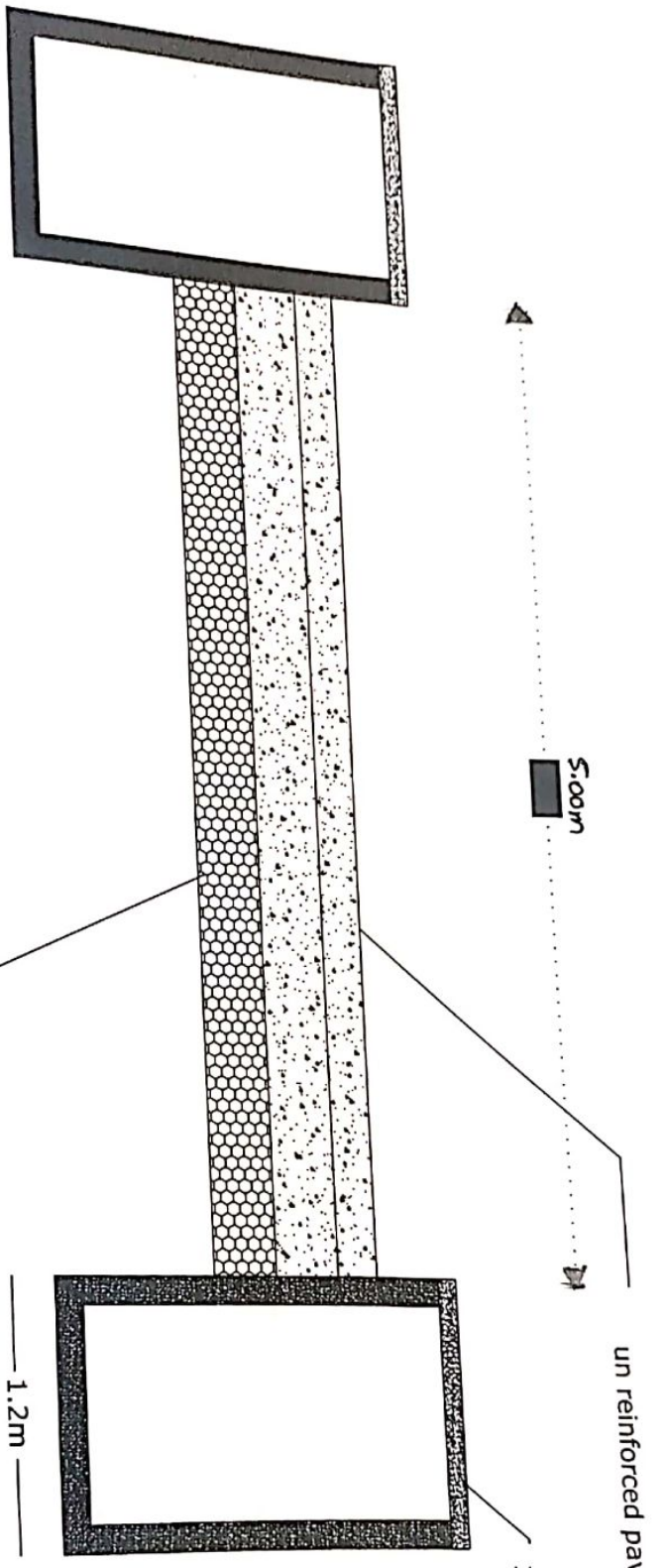
Sketch Showing covering Slab and drain and Road (CC)



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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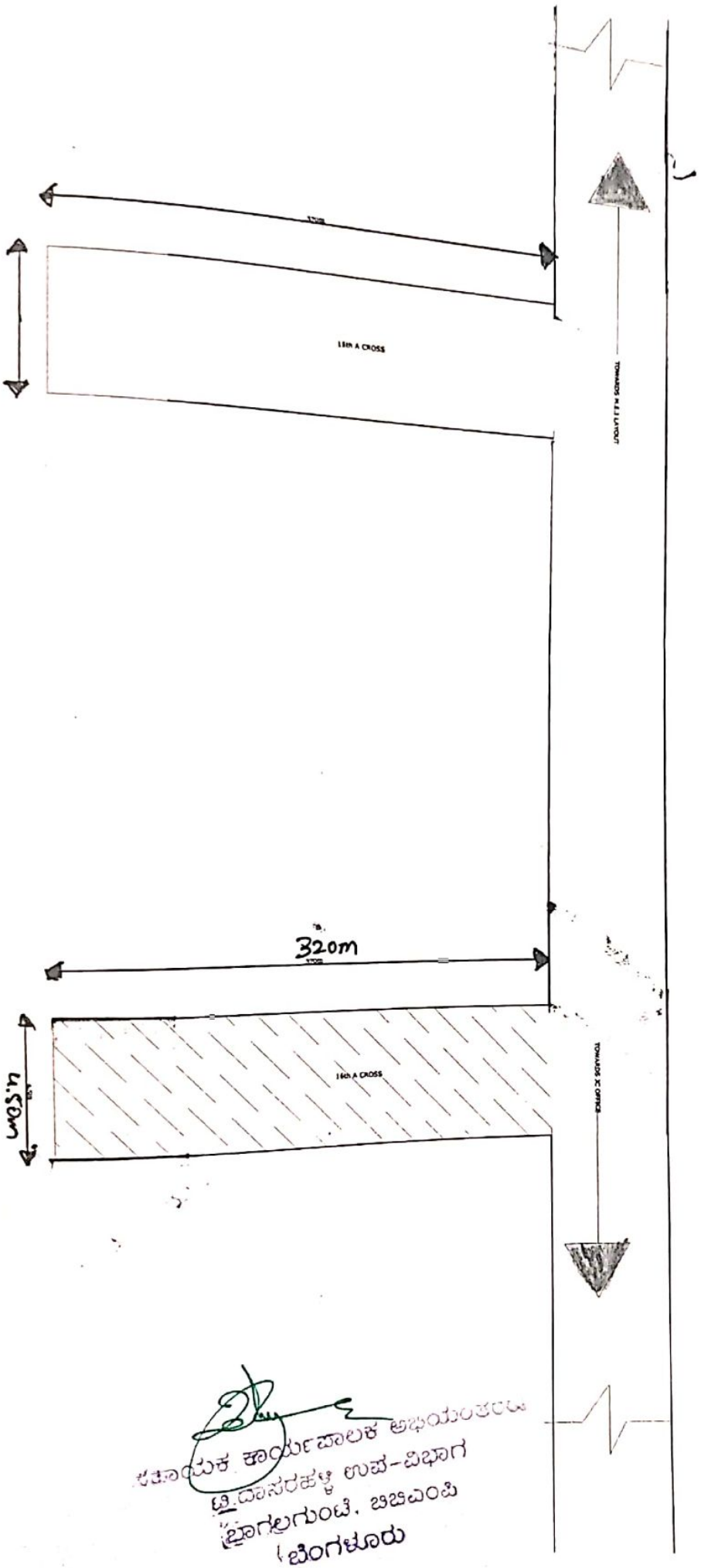

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕಾರ್ಯನಿರ್ವಾಹಕ
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಪ್ರಾಧಿಕಾರ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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